

AMENDMENTS TO THE CLAIMS

Please amend claims 35, 50, 52, and 57 as indicated below, wherein added material is underlined. In addition, please cancel claims 36-43, 45-49, 51, 54, and 58 and add claims 59-68. A complete listing of claims pending in the application following entry of this Amendment are presented as follows:

1-34. (Cancelled)

35. (Currently Amended) A bladder for an article of footwear, the bladder comprising:
a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid; and
a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber,
at least one of the second barrier material, the second fluid, and a pressure of the second chamber being selected such that the second fluid transfers into the first chamber to increase a pressure of the first chamber and decrease the pressure of the second chamber, and the second barrier material is structured so that the first fluid diffuses out of the second chamber and into the first chamber at a predetermined rate.

36-43. (Cancelled)

44. (Previously Presented) The bladder recited in claim 35, wherein the first fluid includes nitrogen.

45-49. (Cancelled)

50. (Currently Amended) A bladder for an article of footwear, the bladder comprising:
a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid;

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber, a pressure of the second chamber being greater than a pressure of the first chamber, and the second fluid and the second barrier material being selected such that at least a portion of the second fluid diffuses from the second chamber to the first chamber to increase the pressure of the first chamber and decrease a pressure of the second chamber, and the diffusion of the second fluid from the second chamber to the first chamber occurs at a predetermined rate.

51. (Cancelled)

52. (Currently Amended) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid;

a second chamber formed of a second barrier material that is less durable than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber, the second chamber including a preformed weakness in the second barrier material that is structured to experience fatigue failure following a predetermined number of cycles of compression or flex to transfer the second fluid into the first chamber and increase a pressure of the first chamber and decrease a pressure of the second chamber.

53. (Previously Presented) The bladder recited in claim 52, wherein the second barrier material is more brittle than the first barrier material.

54. (Cancelled)

55. (Previously Presented) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid at a first pressure;

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid at a second pressure that is greater than the first pressure, and the second chamber being located within the first chamber,

the bladder having a structure wherein the first fluid diffuses through the first barrier material and out of the bladder, and the second barrier material and the second fluid are selected so that the second fluid diffuses through the second barrier material and into the first chamber to increase the first pressure and decrease the second pressure.

56. (Previously Presented) The bladder recited in claim 55, wherein the diffusion of the second fluid from the second chamber to the first chamber occurs over a predetermined period of time.

57. (Currently Amended) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid at a first pressure;

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid at a second pressure that is greater than the first pressure, and the second chamber being located within the first chamber,

the second barrier material having a structure that is more brittle than the first barrier material so that the second chamber experiences fatigue failure following a predetermined number of cycles of compression or flex and transfers the second fluid into the first chamber to increase the first pressure and decrease the second pressure, and the second chamber includes a preformed weakness in the second barrier material.

58. (Cancelled)

59. (New) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid; and

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber, at least one of the second barrier material, the second fluid, and a pressure of the second chamber being selected such that the second fluid transfers into the first chamber to increase a pressure of the first chamber and decrease the pressure of the second chamber, and the second chamber includes a preformed weakness in the second barrier material.

60. (New) The bladder recited in claim 59, wherein the second barrier material is structured to release the second fluid to the first chamber by fatigue failure of the second barrier material.

61. (New) The bladder recited in claim 59, wherein the second barrier material is more brittle than the first barrier material.

62. (New) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid;

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber; and

a valve in the second chamber and a valve actuator,

at least one of the second barrier material, the second fluid, and a pressure of the second chamber being selected such that the second fluid transfers into the first chamber to increase a pressure of the first chamber and decrease the pressure of the second chamber, and the second chamber releases the second fluid to the first chamber by manual actuation of the valve actuator.

63. (New) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid;

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber; and
a puncturing structure adjacent the second chamber for manually puncturing the second chamber to release the second fluid to the first chamber such that the second fluid transfers into the first chamber to increase a pressure of the first chamber and decrease the pressure of the second chamber, and the second chamber releases the second fluid to the first chamber by manual actuation of the puncturing structure.

64. (New) A bladder for an article of footwear, the bladder comprising:

a first chamber formed of a first barrier material, the first chamber being sealed to enclose a first fluid; and

a second chamber formed of a second barrier material that is different than the first barrier material, the second chamber being sealed to enclose a second fluid, and the second chamber being at least partially located within the first chamber,

at least one of the second barrier material, the second fluid, and a pressure of the second chamber being selected such that only a portion of the second fluid is released to and transfers into the first chamber to increase a pressure of the first chamber and decrease the pressure of the second chamber.

65. (New) The bladder recited in claim 64, wherein at least one of the first chamber and the second chamber includes a gas-filled member.

66. (New) The bladder recited in claim 65, wherein the gas-filled member includes a barrier material that ruptures in response to an application of a predetermined pressure.

67. (New) The bladder recited in claim 66, wherein a fluid pressure within the gas-filled member is greater than the pressure of the second chamber.

68. (New) The bladder recited in claim 64, wherein the second chamber includes a plurality of fluid channels.

69. (New) The bladder recited in claim 68, wherein each of the fluid channels includes a fluid inlet port adjacent a fluid inlet port of another one of the second chamber.